

**IN THE CLAIMS:**

This listing supersedes and replaces all prior claim listings. Please amend claims 8-13 as follows:

Claims 1-7 (Canceled)

8. (Currently Amended) An information process apparatus that manages data recorded on a record disc medium, comprising:

information obtainment means for obtaining reproduction information necessary to reproduce the data when the data are recorded, said data being low resolution data and video and audio data for each clip;

generation means for generating a first clip management file with which data that compose each clip that is a predetermined structural unit of data are managed, the first clip management file describing for each clip (1) the reproduction information of data that compose the clip and (2) an identifier that uniquely identifies data that compose the clip;

registration means for updating management information for all clips, composed of (a) the reproduction information of data that compose each clip, (b) the unique identifier of data that compose each clip, and (c) information that represents a recorded position of data that compose each clip, to a second an index management file with which all clips and edit lists recorded on the record disc medium are totally managed; and

successive reproduction means for successively reproducing data that compose all the clips recorded on the record disc medium in an order of recordation according to the first clip management file or the second index management file,

wherein when the record disc medium is loaded, the second index management file is read from the record disc medium and stored to a memory and when a clip to be reproduced is

designated, the first clip management file is read from the record disc medium and stored to the memory.

9. (Currently Amended) The information process apparatus as set forth in claim 8, wherein the registration means registers the management information of the clip to the last end of the second index management file.

10. (Currently Amended) The information process apparatus as set forth in claim 8, further comprising:

reproduction means for reproducing data that compose the clip according to the first clip management file or the second index management file.

11. (Currently Amended) An information process method of managing data recorded on a record disc medium, comprising the steps of:

obtaining reproduction information necessary to reproduce the data when the data are recorded, said data being low resolution data and video and audio data for each clip;  
generating a first clip management file with which data that compose each clip that is a predetermined structural unit of data are managed, the first clip management file describing for each clip (1) the reproduction information of data that compose the clip and (2) an identifier that uniquely identifies data that compose the clip;

updating management information for all clips, composed of (a) the reproduction information of data that compose each clip, (b) the unique identifier of data that compose each clip, and (c) information that represents a recorded position of data that compose each clip, to a

second an index management file with which all clips and edit lists recorded on the record disc medium are totally managed; and

successively reproducing data that compose all the clips recorded on the record disc medium in an order of recordation according to the first clip management file or the second index management file,

wherein when the record medium is loaded, the second index management file is read from the record disc medium and stored to a memory and when a clip to be reproduced is designated, the first clip management file is read from the record disc medium and stored to the memory.

12. (Currently Amended) A program record disc medium on which a computer readable program is recorded, the program causing a computer to perform an information process that manages data recorded on a record disc medium, the program comprising the steps of:

obtaining reproduction information necessary to reproduce the data when the data are recorded, said data being low resolution data and video and audio data for each clip;

generating a first clip management file with which data that compose each clip that is a predetermined structural unit of data are managed, the first clip management file describing for each clip (1) the reproduction information of data that compose the clip and (2) an identifier that uniquely identifies data that compose the clip;

updating management information for all clips composed of (a) the reproduction information of data that compose each clip, (b) the unique identifier of data that compose each clip, and (c) information that represents a recorded position of data that compose each clip, to-a

second an index management file with which all clips and edit lists recorded on the record medium disc are totally managed; and

successively reproducing data that compose all the clips recorded on the record disc medium in an order of recordation according to the first clip management file or the second index management file,

wherein when the record disc medium is loaded, the-second index management file is read from the record disc medium and stored to a memory and when a clip to be reproduced is designated, the first clip management file is read from the record disc medium and stored to the memory.

13. (Currently Amended) A computer implemented program that causes a computer to perform an information process that manages data recorded on a record disc medium, the program comprising the steps of:

obtaining reproduction information necessary to reproduce the data when the data are recorded, said data being low resolution data and audio and video data for each clip;

generating a first clip management file with which data that compose each clip that is a predetermined structural unit of data are managed, the first clip management file describing for each clip (1) the reproduction information of data that compose the clip and (2) an identifier that uniquely identifies data that compose the clip;

updating management information for all clips, composed of (a) the reproduction information of data that compose each clip, (b) the unique identifier of data that compose each clip, and (c) information that represents a recorded position of data that compose each clip, to a

second an index management file with which all clips and edit lists recorded on the record disc medium are totally managed; and

successively reproducing data that compose all the clips recorded on the record disc medium in an order of recordation according to the first clip management file or the second index management file,

wherein when the record disc medium is loaded, the second index management file is read from the record disc medium and stored to a memory and when a clip to be reproduced is designated, the first clip management file is read from the record disc medium and stored to the memory.